BIG MAX

GAMMA

ELECTRIC – GOLF TROLLEY
USER'S MANUAL
BEDIENUNGSANLEITUNG

Gamma E-TROLLEY USER'S MANUAL

Dear Golfer,

Thank you for choosing **Gamma E-trolley**, the trolley that carries your golf bag on the golf courses. The **Gamma E-trolley** is specifically designed for ease of use and reliability. However, in order to ensure proper use of Ti2000 Gamma trolley, please take the time to read this manual.

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1. SECURITY NOTES

Before traveling or transporting **GAMMA trolley**, the rechargeable battery should be removed. Damages are possible if the system is turned on accidentally.

The charger should only to be used indoors and should be protected against moisture. The indicated main input voltage on the charger must not be exceeded. The charger is solely designed for use with the rechargeable **GAMMA trolley** battery pack. For detail information of the charger, please see charger

We recommend using only a 25.2V Lithium battery rechargeable battery and charger on **GAMMA trolley**. Otherwise, health and property damages may occur. Useless rechargeable batteries should be disposed of properly.

Do not tamper with the **GAMMA trolley**. This may lead to a malfunction which will cause a problem in the operation of the trolley.

This is NOT A TOY. Having children or adults riding on the trolley is prohibited. It's NOT A TRUCK. Carrying cargo by the trolley is also prohibited.

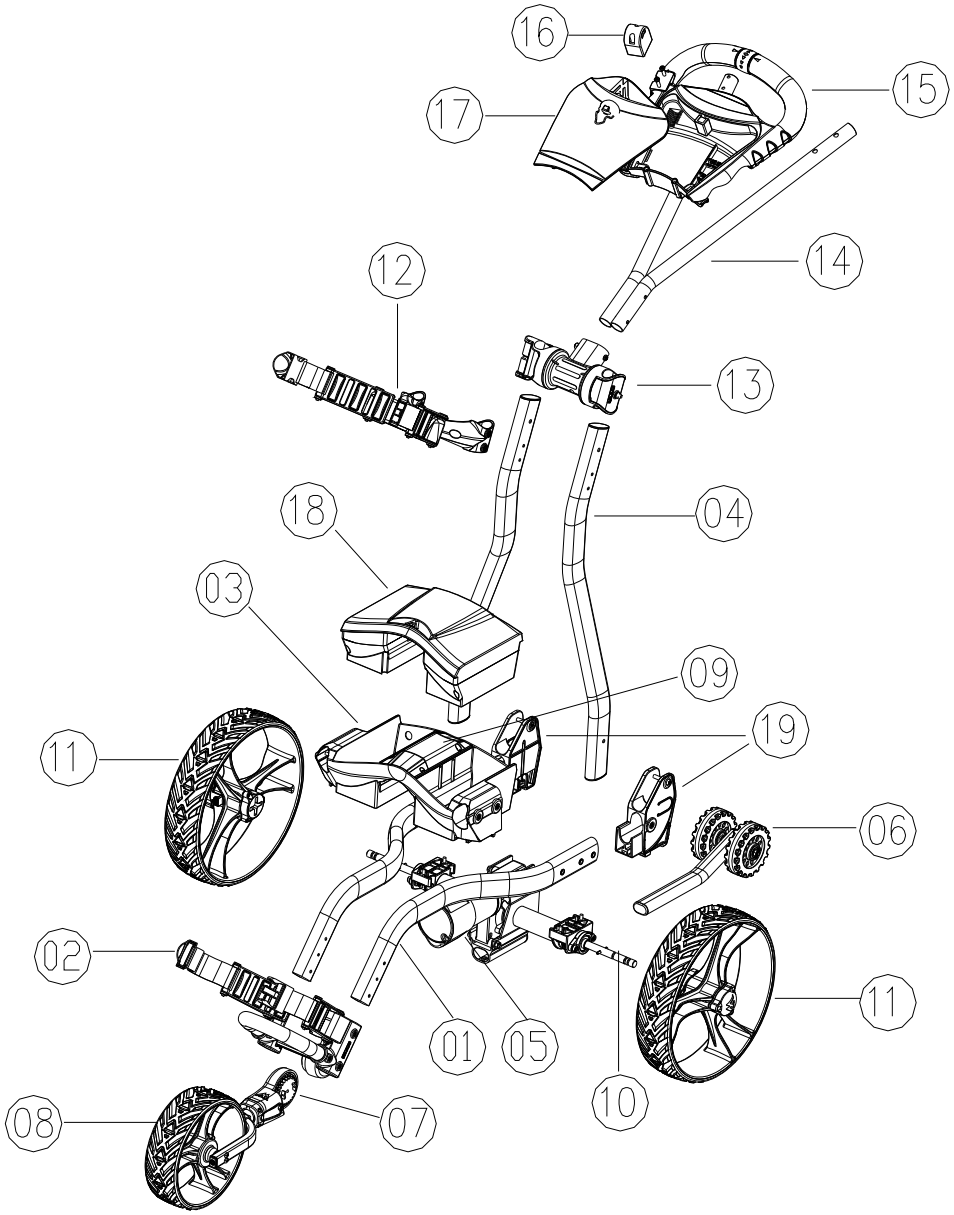
Before usage, ensure that the battery is fully charged. When the trolley is not used for two months, we recommend that you recharge the battery to avoid the decrease of power capacity.

When not in usage, ensure to turn off the power and keep the battery away.

Don't wash **GAMMA trolley** with water directly.

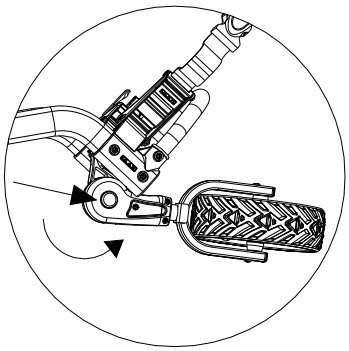
Improper use will render the warranty null and void!

2. MAJOR PARTS LIST

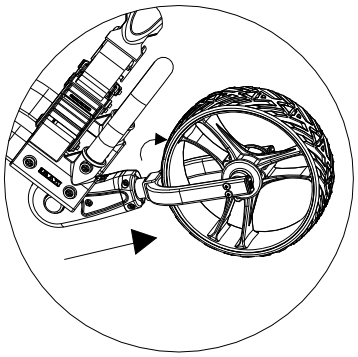


01	Deta Chassis SET	08	FRONT WHEEL SET	15	SCORECARD HOLDER
02	LOWER BAG SUPPORT SET	09	MAIN PCB BOX SET	16	UMBRELLA HOLDER BASE
03	Battery Box SET	10	REAL WHEEL ADAPTER	17	Scorecard holder cover
04	SUPPORT TUBE SET	11	REAL WHEEL SET	18	25.2V 11AH BATTERY
05	Motor+gear box	12	Upper Bag Support SET	19	SUPPORT TUBE ROTATE BASE
06	4th Wheel SET	13	Folding mechanism SET		
07	FRONT WHEEL ROTATE BASE	14	TOP HANDLE SET		

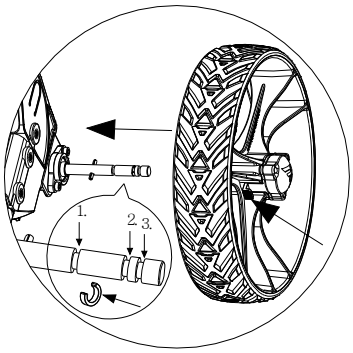
3. SET UP YOUR GAMMA Trolley



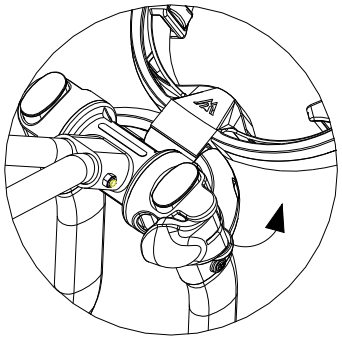
Step 1: Press the red button in order to pull out the front wheel holder from the back of bottom bracket



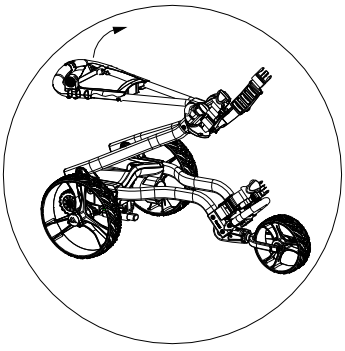
Step 2: Pull forward the front wheel and turn 90 degree to make the front wheel in correct and rolling position.



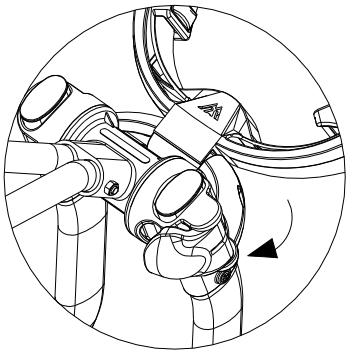
Step 3: Press the axle button and insert the axle into the plastic hole in the end of rear wheel. There are three grooves and one plastic ring on the axle, groove 1 and 2 are provided for different wheel distance option. Groove 3 is to stop the wheel moving by axle when running out of the battery, so that it will be easier to move the wheel. Plastic ring is located into the groove that is not on use.



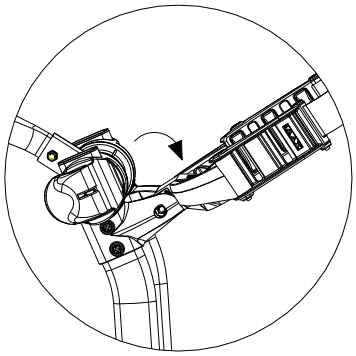
Step 4: Release the plastic lever on the folding mechanism.



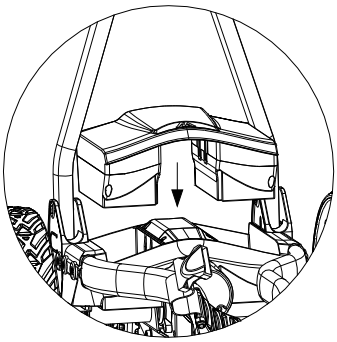
Step 5: Hold the handle (c) and unfold the trolley.



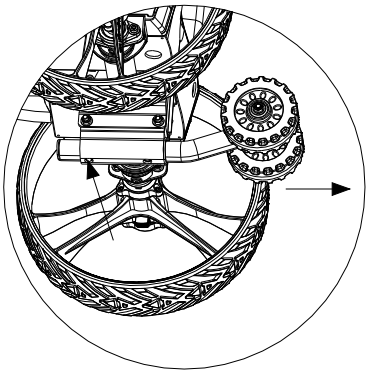
Step 6: Lift the handle frame tube to the proper height, then push the plastic lever down to lock it.



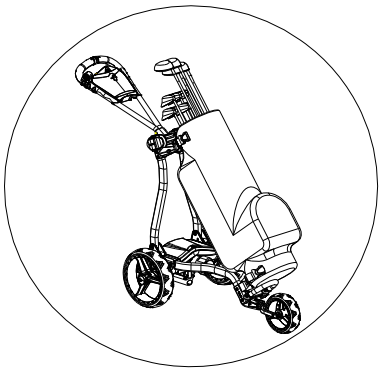
Step 7: Downward the upper bracket to the proper position



Step 8: Put the battery in the Battery case.



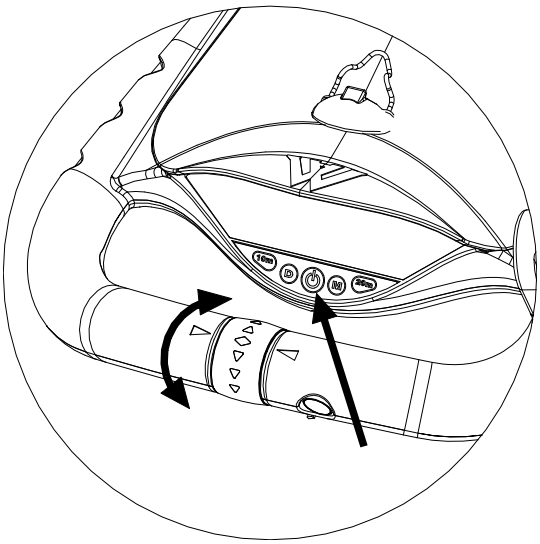
Step 9: Snap the button of 4th wheel, and pull out the 4th wheel. Ensure the button lock into the hole.



Step 10: Put the bag on the cart and fasten the bag with upper and lower straps.

4. OPERATE YOUR GAMMA TROLLEY

4-1 Basic Operation



1. Press POWER button for power ON . LCD light means power is ON, and GAMMA trolley is ready to go.

2. By turning gently the Speed Turner, GAMMA trolley will move slowly. Turn it to the proper speed, then release the Speed Turner, GAMMA trolley will go forward automatically. Turn forward the Speed Turner, then the trolley goes forward, and vice versa.

3. Don't turn the Speed Turner to Maximum Speed sharply to avoid GAMMA trolley losing control on the speed.

4. When there is any object or wall in front of GAMMA trolley, don't turn on GAMMA trolley to avoid any hurt on object or damage on the trolley.

5. Don't leave your hand on then handle when GAMMA trolley is on the progress because GAMMA trolley won't stop automatically until running out of the battery.

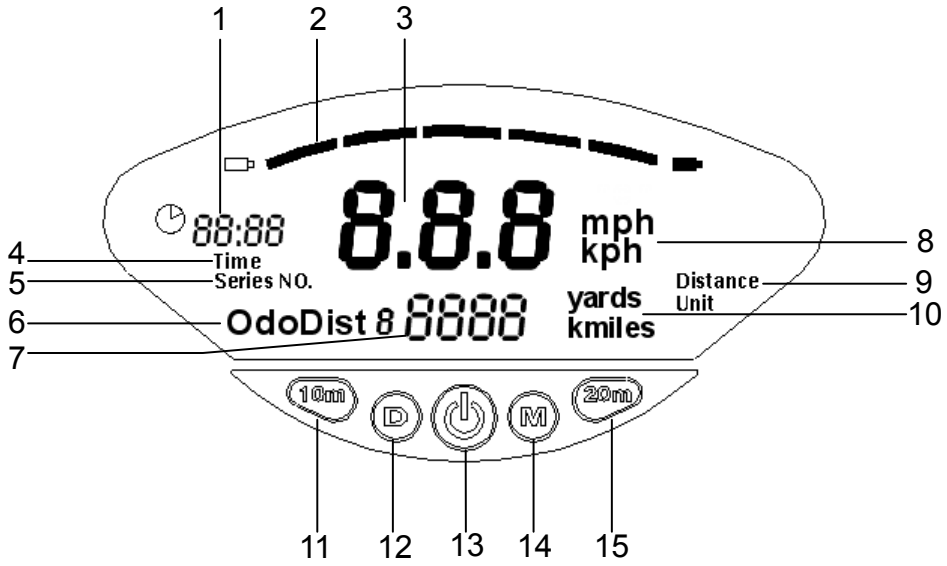
6. Speed Turner is a sensitive spare part which could turn each forward and backward direction 105°. Don't turn it with much strength, it will result the damage of the Speed Turner.

7. To stop GAMMA trolley, turn the Speed Turner to Minimum Speed or Press the red button on handle ◦ Turn off the POWER could also stop the trolley.

8. <u>However, due to gravity, please be extra cautious that the trolley might move when it is parked on the hill.</u>

9. If you want to manoeuver the GAMMA trolley to a different direction, push down the handle, lift up the front wheel and direct the trolley to the direction you want to go.

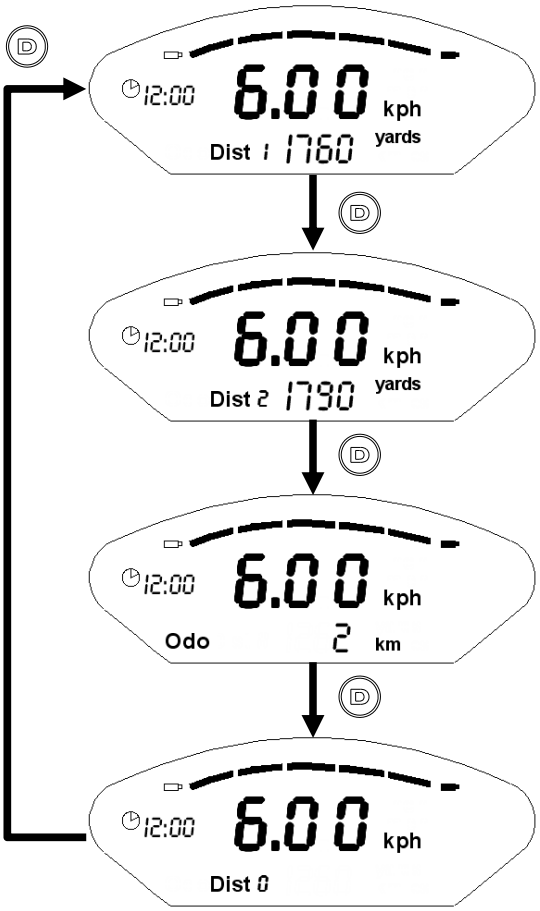
4-2 LCD OPERATION



(1) TIME
(2) BATTERY CHECK
(3) MANU: DISPLAY SPEED, WHEEL SIZE AND SERIAL NUMBER
(4) SET FOR “TIME”. Only available on “SETTING MODE”
(5) SET FOR “SERIAL NUMBER”. Only available on “SETTING MODE”
(6) DISTANCE (4 SELECTION): Odo、Dist0、Dist1、Dist2
Odo: Total Distance
Dist0: Competition mode, No distance display
Dist1 & Dist2: Customized Distance
(7) MANU: DISPLAY DISTANCE AND SERIAL NUMBER
(8) MANU: WHEEL SIZE. Only available on “SETTING MODE”
(9) DISPLAY SPEED UNIT on “USING MODE”. There are two units –mph and kph. Select either unit on “SETTING MODE”.
(10) There are two distance unit options under USING MODE- yards and km/miles. In item Odo, the unit is km/mile. In item Dis1 and Dis2, the unit is yards.
(11) 10m
Select this function in SETTING MODE. The trolley will run 10m per time.
(12) D
Select this function in SETTING MODE, to switch different distance item or reset to zero.
(13) Power
Power on / off
(14) M
Press this button to enter SETTING MODE or switch SETTING MODE
(15) 20m
Select this function in SETTING MODE. The trolley will run 20m per time.

4-2-1 Using mode

- The screen will not light up until you press any keys on it.
- Press Ⓓ to switch 'Dist1' or 'Dist2' or 'Odo' and 'Dist0'. If you want to reset 'Dist1' or 'Dist2', just need to hold Ⓓ 3 secs then they will start from “0”.

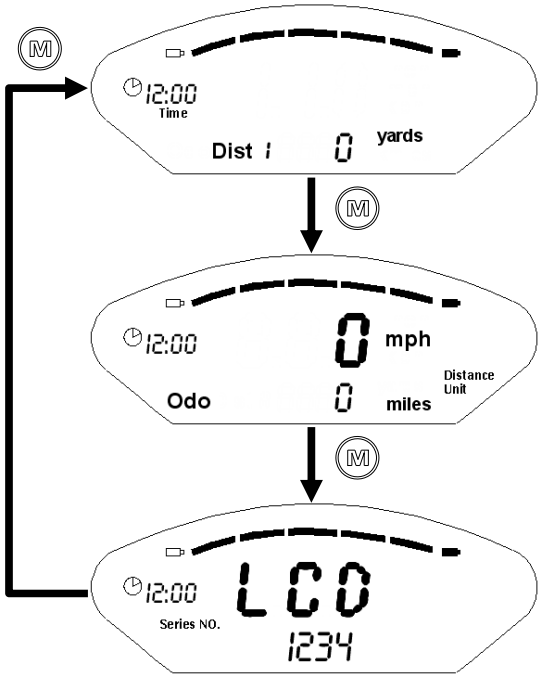


- Press 20m to make the trolley runs 20m; press 10m to make it runs 10m.
- Press Ⓜ and enter “SETTING MODEL”, press Ⓜ to switch four different modes in order to set each of them.
- Press ⏻ power off.

4-2-2 Setting mode

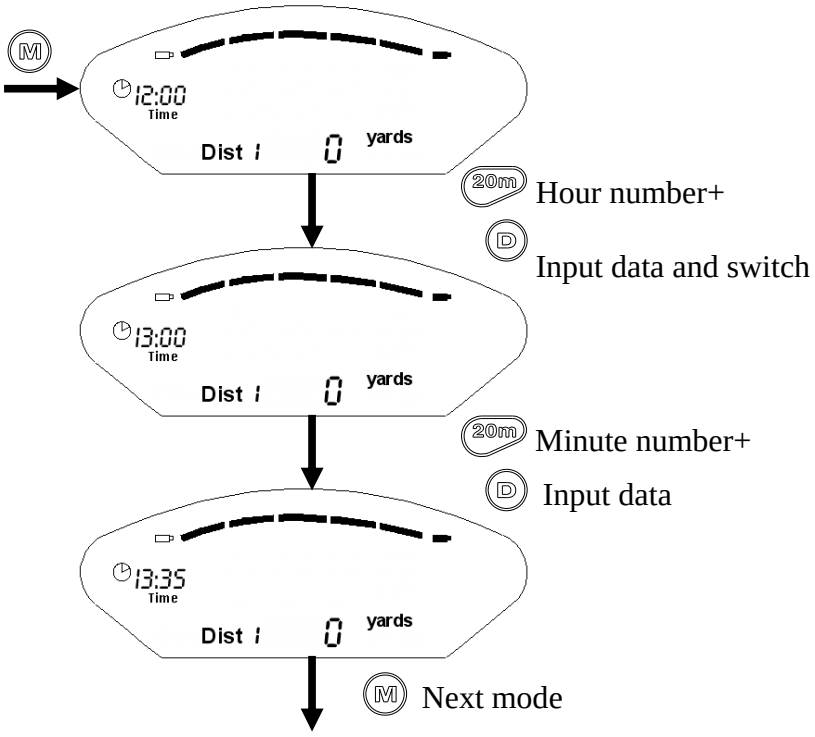
■ Under SETTING MODE, if you stop setting over 5 secs, the setting mode will return to using mode.

- Press Ⓜ ► to search different setting mode.



Time setting

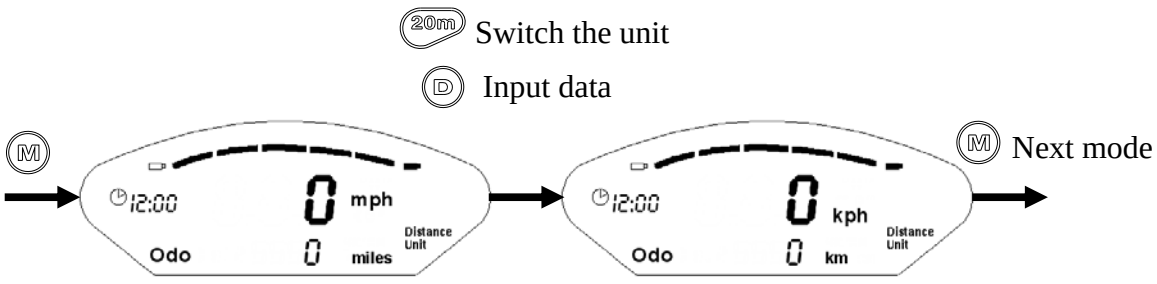
1. Press Ⓜ ► enter time setting.
2. Press 20m the number +1, if you hold 20m the number will keep on increasing; press Ⓓ to finish setting the hour, then it will switch to 'minute'.
3. Press 20m the number +1, if you hold 20m the number will keep on increasing; press Ⓓ to input the data then the number will stop flashing.



Distance unit setting

1. Press M ►enter distance unit setting.

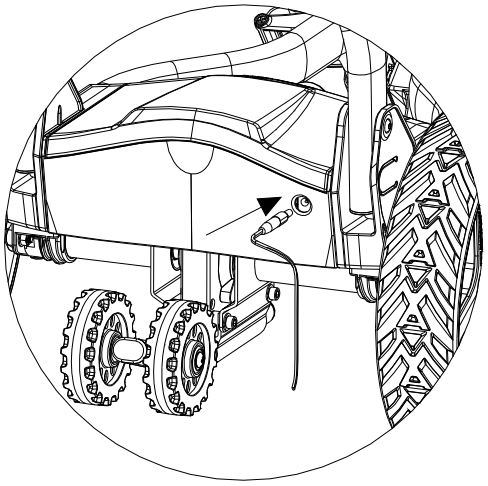
2. Press 20m to switch the unit (mph/kph), press D to input the data then the unit will stop flashing.

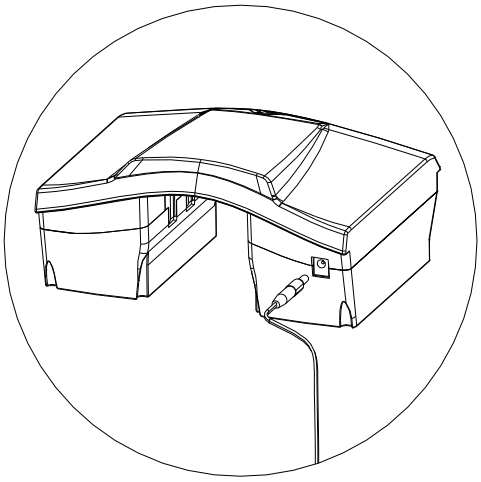


Series number

1. Press M ►show series number

5. CHARGE AND MAINTAIN THE BATTERY





1. Recharge the battery one a day before or on the day it is to be used. Please recharge it in house. Even during non-use or storage, a charged battery will gradually discharge and lose its power.
2. When not using GAMMA trolley for more than some weeks, we recommend that you remove the battery connector from the battery during that time and keep the battery in house.
3. You could either recharge the battery on the trolley directly, or recharge it separately (as show above)
4. Before carrying the trolley, charging or installing the battery into GAMMA trolley.
5. Pease understand and comply all terms written in the battery and charger booklet.

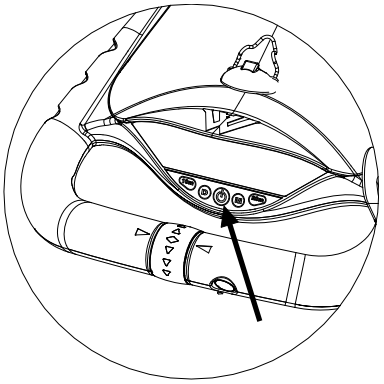
6. RECHARGEABLE BATTERY PACK CARE

Our charger is designed specifically for use with GAMMA trolley rechargeable battery pack. Again, do not ever use a different charger! The charger supervises the temperature of the rechargeable battery pack, the maximum input power and the total charging time.

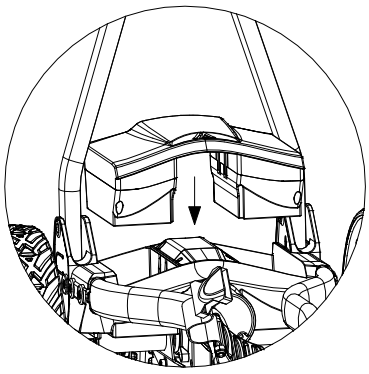
You can contribute to a long life of the rechargeable battery pack:

- Avoid any type of shock. For example, do not drop the GAMMA trolley, nor the battery pack.
- Store at room temperature.
- Do not dismantle connector plug on the battery.
- Do not use the battery on other electronic devices. Without proper protection installed on GAMMA trolley, improper use of the battery will cause damages on the battery and other electronic products.
- During the charging process, temperature may go above or below the acceptable range for recharging. Pull the charger immediately out of the outlet. Wait a few hours and plug in the charger when the temperature is acceptable. If the charger flashes again as described above, remove the charger from the outlet and send it to an authorized contract dealer, along with your rechargeable battery pack. Should a defect be found which is covered by the warranty, a cost-free repair or exchange of the defective part will be issued. Remove damaged battery packs immediately because they can damage the caddy.
- If the battery becomes exhausted quickly even after being fully charged, the battery has worn out, please purchase a new battery. Please be reminded that the warranty does not cover use of other batteries besides the stated brand name.
- For other instruction, please refer to the User’s Manual inside of the battery and charger package.

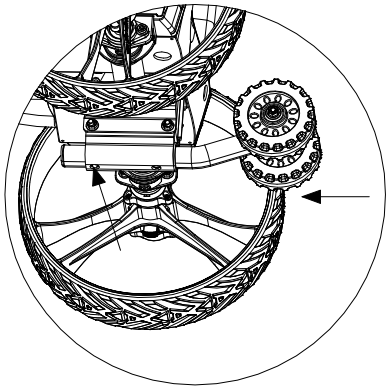
7. PACKING UP



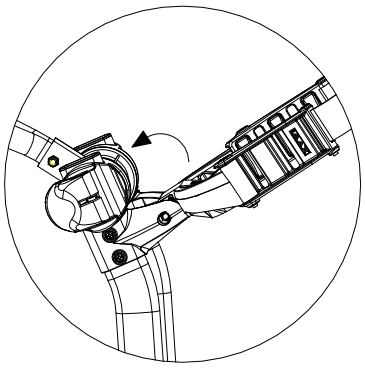
Step 1: Power off.



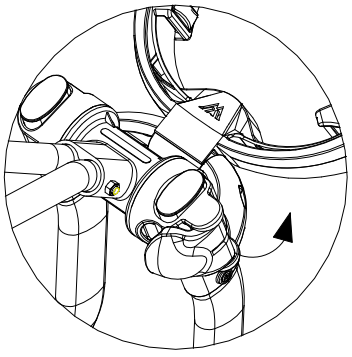
Step 2: Move away the battery.



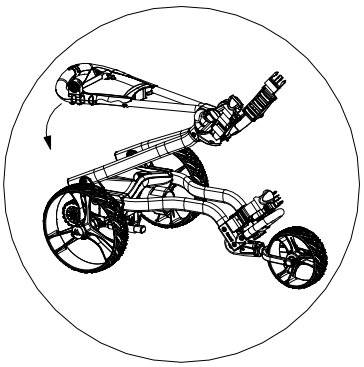
Step 3: Fold the 4th wheel



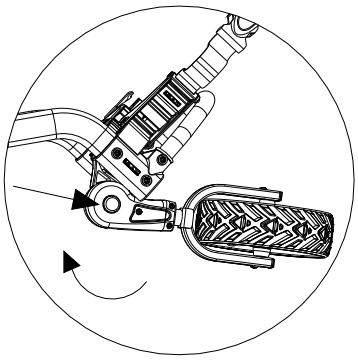
Step 4: Fold the upper bracket



Step 5: Release the Plastic Lever on the folding mechanism



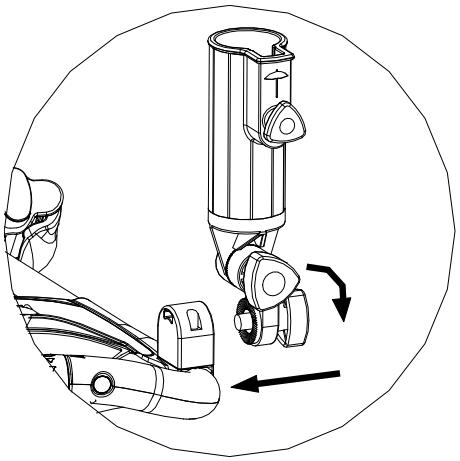
Step 6: Fold the Trolley



Step 7: Fold the front wheel

8. ACCESSOIRIES

8-1 Umbrella Holder



Find umbrella base on the right side of the handle. Fix umbrella holder on the umbrella base using the triangle nut.

9.CLEANING & MAINTENANCE

1. If GAMMA trolley is dirty, clean it with a mild cleaner and warm water. Never use a concentrated water jet or high pressure water cleaner. If GAMMA trolley is damp after the game or after the cleaning, dry it with a towel.

ALWAYS REMOVE THE BATTERY BEFORE CLEANING YOUR GAMMA trolley.

2. If there is any dust or rain get into the bearing, clear the bearing at once and spread some oil to maintain the bearing.
3. No need to maintain the motor. Never take apart the motor by oneself.
4. When the trolley is not used for two months, we recommend that you recharge the battery to avoid the decrease of power capacity.
5. Store GAMMA trolley inside the house to prolong the life time.
6. When you clean the GAMMA trolley, don’t remove serial number sticker from the cart, to assure the warranty.

10. PROBLEM SOLVING

If you have any problems with GAMMA trolley, please check the points below before contacting your local resellers.

PROBLEM	SOLUTION
Lcd is not on after the power on.	• Make sure battery is fully charged. • Check that the battery has been connected properly. • Check the battery contact beam is not loose or broken connection. • If motor is overheated, reboot the motor after the motor temperature cool down to 60□ • Check if battery life time is over.
Motor axle turns but trolley does not move	• Wheel may not be put on the pin correctly. Please adjust. • Move GAMMA trolley to flat and dry ground and try again
Turn on the Speed Turner, motor did not work	Check POWER is ON.
GAMMA trolley is not moving straight after the Timer function is on	Check if both wheels are moving simultaneously. Adjust the front wheel using allen wrench included in the package. (See picture demonstration below)
Powerless when going uphill	Check if the uphill is too sharp Check if the grass is over damp or it is on sand Check battery capacity. Check if the motor is really hot. If the motor is too hot (over 60°C), send GAMMA trolley back to your local dealer. Check if the battery is too hot. If the battery temperature is higher than 35□, wait until battery cool.
GAMMA trolley hit obstacles accidentally during operation	Check if the connector is properly clicked easy on the battery . Re-start power.
Cannot finish one game after the battery is fully charged.	Check battery life time.

11.WARRANTY

- We warrant that the goods will be free from defects in materials or workmanship for a period of 2 years (from 01.01.2013 on) running from the original date of purchase.(including battery and charger).
- Subject to clause 3, if we receive written notice from you of any breach of such warranty and you return the goods to us within the warranty period, then we shall at our own expense and within a reasonable time after receiving such notice, repair or, at our option, replace the goods or such parts as are defective or otherwise remedy such defect. You pay the return freight charges by using your own courier facility.

Disclaimers.

- We shall be under no liability in respect of any defect arising from fair wear and tear, willful damage, negligence, abnormal working conditions, failure to follow our instructions (whether oral or in writing), misuse or alteration or repair of the goods without our approval.
- We shall not be liable for situations of force majeure where any failure in the performance of any of our obligations is caused by factors outside our control.

Communications.

- Any communication between us shall be by e-mail, fax or postal address as set out at the end of this manual (or such other e-mail, fax or postal address which we may subsequently notify to you) and to your e-mail, fax or postal address which you may have notified to us.

12.TECHNICAL SPECIFICATIONS

Frame	Material	Alum Tube
	Measurement L/W/H	1320(adjustable)/625(adjustable)/1120(adjustable)/ mm
	Stow Measurement L/W/H	860/570/390 mm
	Packing L/W/H	825/590/380 mm
	Weight w/o Battery	12.8kg
	Front Wheel Size	8”
	Rear Wheel Size	12”
Transmission	Motor	150W
	Transmission System	Worm Gear System (with differential mechanism)
	Control System	Speed tuner Controller (allow forward and backward)
	Speed	Max. 9km/hr
Battery	Battery	Lithium battery 25.2V11AH or 12V24AH
	Battery Weight	2.4kg
	Charge Time	8 Hours

CONTACT DETAILS

EUROPE

Distributor Germany / Austria
Golf Tech Golfartikelvertriebs GmbH
Carlbergergasse 66
1230 Wien
Tel.: +43 1 867 43 33
Fax: +43 1 867 43 34
Email: office@golftech.at
Homepage: www.golftech.at

Distributor UK & Ireland
Golftech Golftrading Ltd.
Union Mill, Vernon Street
Bolton BL1 2PT
Tel: 0844 209 8886
Fax: 0844 209 8887 (UK only)
Email: office@golftech.eu
Homepage: www.golftech.eu

Distributor BeNeLux & France
SA BUVA Sports N.V.
Karrewegstraat 104
BE-9800 Deinze
Tel.: 0032 9 386
Fax: 0032 9 386 0601
Email: info@buvasport.com
Homepage: www.buvasport.com

Distributor Sweden
Pro Back Up AB
Krangatan 2
SE-21124 Malmö
Tel: 0046 4018 9933
Fax: 0046 4068 914 12
Email: info@probackup.se
Homepage: www.probackup.se

Distributor Denmark
Lars Kjaer & Co A/S
Birkemosevej 32C
8361 Hasselager
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Homepage: www.chrisco.no

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